

Title (en)

Vaccine adjuvant.

Title (de)

Impfstoff-Adjuvans.

Title (fr)

Adjuvant pour vaccin.

Publication

EP 0315153 B1 19940511 (EN)

Application

EP 88118263 A 19881102

Priority

US 11642587 A 19871103

Abstract (en)

[origin: EP0315153A2] An adjuvant for potentiating the immunogenicity of an antigen, suitable for manufacture on a commercial scale, is an emulsion having oily particles dispersed in a continuous aqueous phase, which emulsion comprises: an emulsion-forming amount of a non-toxic tetra-polyol or polyoxyethylene-polyoxypropylene (POP-POE) block polymer; optionally, an emulsion-forming amount of a non-toxic metabolizable oil; optionally, an emulsion-stabilizing amount of a glycol ether-based surfactant; and an immunopotentiating amount of a glycopeptide; wherein substantially all of said oily particles have a diameter less than about 800 nm if a POP-POE block polymer is present.

IPC 1-7

A61K 39/39

IPC 8 full level

A61J 3/00 (2006.01); **A61K 9/00** (2006.01); **A61K 9/107** (2006.01); **A61K 38/00** (2006.01); **A61K 39/00** (2006.01); **A61K 39/39** (2006.01);
A61P 37/04 (2006.01)

CPC (source: EP)

A61K 9/1075 (2013.01); **A61K 39/39** (2013.01); **A61P 37/04** (2017.12); **A61K 2039/55511** (2013.01); **A61K 2039/5555** (2013.01);
A61K 2039/5566 (2013.01)

Cited by

US7854934B2; ES2053402A1; EP0646378A1; EP0801656A4; HRP20030585B1; CZ307075B6; US7824687B2; US9493580B2; EP0735898B1;
US7622124B2; US7018638B2; US7169394B2; US7959927B2; US9125886B2; US9650601B2; US7879335B1; US8623378B2; US9464116B2;
US6299884B1; US6451325B1; US8771727B2; WO0249666A3; US9120859B2; US9650600B2; US10206991B2; US10668139B2;
US11141472B2; US7666439B2; US8187588B2; US9238065B2; EP2286792A1; US9125885B2; US9649369B2; US10206993B2; US10668145B2;
US11154609B2

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DOCDB simple family (publication)

EP 0315153 A2 19890510; **EP 0315153 A3 19890809**; **EP 0315153 B1 19940511**; AT E149091 T1 19970315; AU 2458888 A 19890504;
AU 626271 B2 19920730; CA 1338618 C 19961001; DE 3855807 D1 19970403; DE 3855807 T2 19970612; DE 3889521 D1 19940616;
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HU 210825 A9 19950828; IE 63692 B1 19950531; IE 883305 L 19890503; JP 2746272 B2 19980506; JP 2816337 B2 19981027;
JP H01157918 A 19890621; JP H1053535 A 19980224; NZ 226811 A 19910625; ZA 888209 B 19900725

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DE 3889521 T 19881102; EP 92113037 A 19881102; ES 88118263 T 19881102; ES 92113037 T 19881102; HU 9500082 P 19950217;
IE 330588 A 19881102; JP 10356697 A 19970421; JP 27854688 A 19881102; NZ 22681188 A 19881102; ZA 888209 A 19881102